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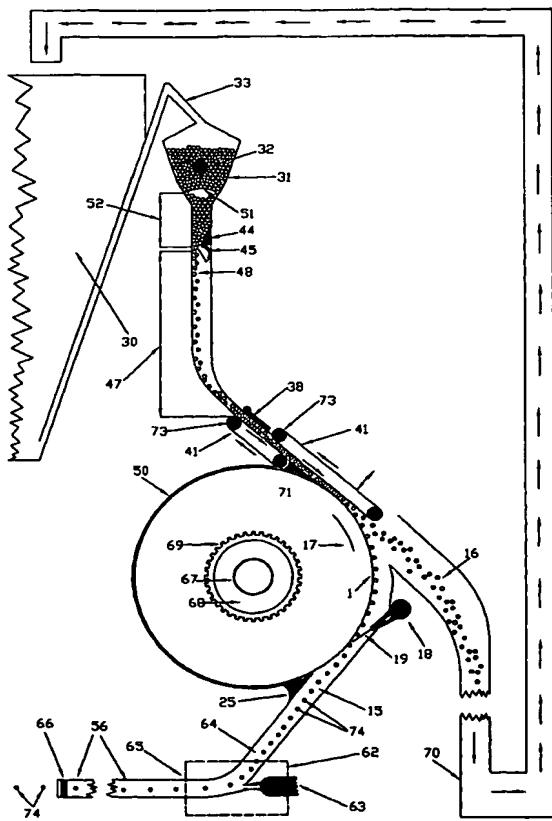
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(54) Title: SEED DISTRIBUTION METHOD AND APPARATUS



(57) Abstract: A seeding apparatus comprising: (a) seed distribution metering means including a rotating drum (1) with apertures on its periphery and a vacuum generator for generating a suction pressure inside the drum (1) so that seeds are attracted to the apertures; (b) feeding system including a hopper (31), gravitational acceleration chamber (47), velocity controlling elements such as a flap (38) and continuous belts (41) for feeding seeds at a required amount and speed to the drum (1); (c) release mechanisms including an air-jet (19) for releasing metered seeds from the drum (1) along a selected trajectory (15) while unselected seeds follow another trajectory (16). (d) delivery means including an adjustable flow venturi (62) and electronic sensor (66) for controlling delivery of metered seeds.

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